

Release notes for ENDF/B Development dec-067\_Ho\_140  
evaluation

**ENDF**  
**B-VII**.dev

October 13, 2016

- **fizcon** Warnings:

1. Some spectrum is missing. If you can generate it, it would be good since ENDF requires this even if we can't evaluate it.  
*MAT=2328, MF= 8, MT=457 (4): Missing spectra*

ERROR(S) FOUND IN MAT=2328, MF= 8, MT=457  
NO DECAY SPECTRA GIVEN

- **fizcon** Errors:

1. Spin should be  $\geq 0.0$   
*MAT=2328, MF= 8, MT=457 (1): Illegal spin (b)*

ERROR(S) FOUND IN MAT=2328, MF= 8, MT=457  
NEGATIVE SPIN NOT ALLOWED

2. Spin should be integral or half integral  
*MAT=2328, MF= 8, MT=457 (2): Illegal spin (a)*

ERROR(S) FOUND IN MAT=2328, MF= 8, MT=457  
SPIN SHOULD BE INTEGRAL OR HALF INTEGRAL

3. Parity set to illegal value  
*MAT=2328, MF= 8, MT=457 (3): Bad parity*

ERROR(S) FOUND IN MAT=2328, MF= 8, MT=457  
PARITY= 0.00000E+00 NOT +1.0 OR -1.0